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Sustaining biodiversity conservation in and around the Nyungwe National Park, Rwanda

REVISED PERFORMANCE MANAGEMENT PLAN



FEBRUARY 2012

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Cover Photo: Nyungwe National Park, by Aaron Nicholas, WCS

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ABBREVIATIONS

| | |
|-------|---|
| COTR | Contracting Officer's Technical Representative |
| DAI | Development Alternatives Inc. |
| KCCEM | Kitabi College of Conservation and Environmental Management |
| M&E | Monitoring and Evaluation |
| MEMS | Monitoring and Evaluation Management Services |
| MIST | Management for Information System |
| NNP | Nyungwe National Park |
| NRM | Natural Resource Management |
| PMP | Performance Management Plan |
| RBM | Ranger Based Monitoring |
| RDB | Rwanda Development Board |
| SO | Strategic Objective |
| USAID | U.S. Agency for International Development |
| WCS | Wildlife Conservation Society |

A. INTRODUCTION

The successful implementation of any multi-year partnership agreement involves regular adaptive feedback. Lessons learned in the course of implementing and reporting on various activities have shown that there is a value in reflecting on how circumstances and situations evolve and what implications this may have on our meeting our originally defined targets. The Project Monitoring Plan (PMP) has been revised based on the experiences of implementing this grant over the course of the last 2-years. This document was compiled with the assistance of the Monitoring and Evaluation Management Services (MEMS). This revision also demonstrates more clearly linkages of the project indicators with Economic Growth (SO7) and U.S. Foreign Assistance “F”- indicators.

The changes presented here will allow for improved understanding of grant activities as well as measurement of achievements. For added clarity, the wording and / or definitions related to how these indicators and targets will be monitored has also been revised as per the indicator monitoring sheets presented in Annex B.

Ongoing progress will continue to be reported through quarterly and annual reports. Progress will also be reviewed with all key partners on a quarterly basis and feedback incorporated into future planning.

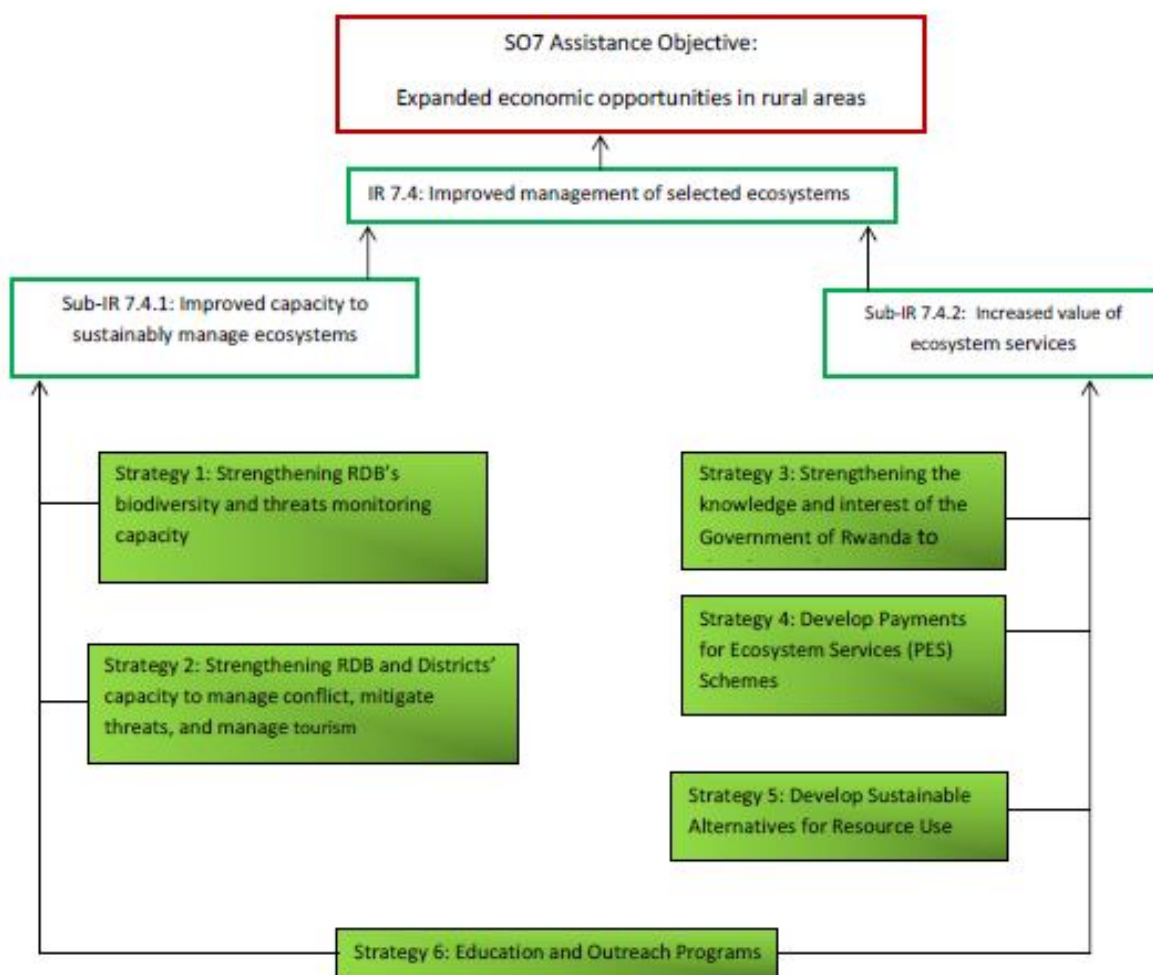
The overriding **goal** of this project is that *Rwanda benefits from the conservation of wildlife and sustainable use of ecosystem services in Nyungwe National Park*. The **principal objective** is *To improve the capacity of the Rwanda Development Board (RDB) to sustainably manage the park’s resources and address specific threats (fire, poaching, timber harvesting) to the park and specific species of concern*. Site and policy activities have been developed with RDB to demonstrably strengthen RDB’s capacity to manage the risks and opportunities in NNP.

B. PROJECT RESULTS CHART

Results Chart

Six strategies have been developed which together contribute towards the realization of Intermediate Result I.R. 7.4 (The improved management of selected ecosystems) through two main Sub-Intermediate Results (I.R. 7.4.1 Improved capacity to sustainably manage ecosystems and I.R. 7.4.2 Increased value of ecosystem services). In turn, these Results support the realization of USAID's Strategic Objective 7 related to expanded economic opportunities in rural areas. Strategies 3 and 4 of the Cooperative Agreement also contribute to the cross-cutting Sub-I.R. related to Improved Policy Environment.

The chart below captures the above.



Project contribution to Standard F indicators

Under the US Foreign Assistance Framework, the project contributes to the Program element 4.8.1. Natural Resources and Biodiversity of the Program Area 4.8: Environment under the Functional Objective 4: Economic Growth.

The project is funded by biodiversity earmarked funds and contributes indirectly to the Sustainable Landscape Pillar of Global Climate Change initiative. Through the life of the project, the standards F indicators listed in table 2 below will be monitored.

Table 1: F Biodiversity Standard Indicators

| Indicator/ |
|---|
| Program element 4.8.1. Natural Resources and Biodiversity |
| Indicator 4.8.1-1. Number of hectares in areas of biological significance and/or natural resource showing improved biophysical conditions as a result of USG assistance |
| Indicator 4.8.1-27. Number of people receiving USG supported training in natural resources management and/or biodiversity conservation |
| Program element 4.8.2. Clean Productive Environment |
| Indicator 4.8.2-14. Number of institutions with improved capacity to address climate change issues as a result of USG assistance |

C. PROJECT PERFORMANCE INDICATORS

As illustrated in the above, the project objective is addressed through six strategies supported by several outputs for which a subset of performance indicators have been developed to track progress. Selected performance indicators are in most cases F indicators; however, a few custom indicators have been selected to monitor progress of some of the project activities where standard indicators were found not sufficient to monitor progress towards achieving the project's principal objective.

Tables 1 through 3 below present performance indicators by: Strategic Objective (SO); indicator, definition and disaggregation; data source; baseline and year baseline was established; method of data collection/calculation; method of data acquisition, data analysis, use and reporting; and end of project targets.

Annex A provides performance monitoring reference sheets.

Indicators for each Strategy:

Strategy 1 – RDB capacity strengthened for biodiversity and threats monitoring

- Number of people receiving USG supported training in natural resources management and/or biodiversity conservation. This indicator brings together different training activities aimed at strengthening biodiversity monitoring capacity of RDB staff:
 - Number of RDB rangers trained in biological survey data collection and analysis;
 - Number of rangers trained in law enforcement and threat monitoring with USG support;
 - Number of RDB park staff trained in conflict resolution and threat mitigation with USG support.
- Percentage of RDB patrols guided by Ranger Based Monitoring (RBM) / Management for Information System (MIST) data;
- Number of illegal activities detected per ranger-month monitoring effort;
- Number of coordinated Nyungwe-Kibira patrols;
- Number of days of USG funded technical assistance in climate change provided to counterparts or stakeholders.

Strategy 2 – RDB and districts capacity to manage conflict, mitigate threats and manage tourism is strengthened

- Number of people receiving USG supported training in natural resources management and/or biodiversity conservation. This indicator brings together different training activities aimed at strengthening capacity of RDB and districts to manage conflicts:
 - Number of district leaders (DEOs) and community liaison agents (ANICOs) trained in conflict resolution and threat mitigation skills with USG support;
 - Number of RDB staff trained to manage and mitigate tourism impacts, and low impact wildlife primate habituation and guiding with USG support.

Strategy 3 –Strengthening the knowledge and interest of the Government of Rwanda to develop and support PES policies

- Number of people receiving USG supported training in natural resources management and/or biodiversity conservation. This indicator will capture training activities related to PES for GOR staff and other stakeholders;
- Number of relevant PES policies, regulations drafted and implemented.

Strategy 4 – Develop Payments for Ecosystem Services (PES) schemes

- Number of agreements to allow for payment for watershed services signed;
- Number of carbon PES projects assessed and implemented.

Strategy 5 – Develop Sustainable Alternatives for Resource Use

- Number of households signing agreements and obtaining bamboo from woodlots;
- Percentage of 200 households with access and use of energy efficient stoves.

Strategy 6 – Education and Outreach

- Percentage of surveyed students who demonstrate an improvement in their attitude towards NNP;
- Number of target students participating in the program with USG assistance;
- Number of teachers / educators trained with USG assistance;
- Percentage of surveyed community members who have supportive attitude towards NNP;
- Number of individuals participating in the program with USG assistance;
- Number of target community educators and communicators trained with USG assistance.

Revised project indicators

WCS proposes to change and/or revise the following indicators. For each proposed change, the following is provided: the old indicator (**in red**), the proposed new or modified indicator (**in green**), the unit of measure, definition, and the rationale for change.

Table 2: Revised indicators in this PMP

| Old Indicator | New indicator | Rationale for Changing |
|---|--|--|
| 7.1 - Percent change in rural income of targeted population | | We are not able to change an SO7 level indicator. It should be noted that our activities do not contribute towards this USAID's SO7 indicator. We are therefore proposing not to monitor this. |
| Number of people receiving USG supported training in global climate change (including Framework Convention on Climate Change, greenhouse gas inventories, mitigation and adaptation analysis). And Outputs of participatory workshop circulated and management options known | 4.8.2-27 Number of days of USG funded technical assistance in climate change provided to counterparts or stakeholders. | Climate change interventions executed under this agreement will focus on building capacity at field-level, especially amongst park staff involved with monitoring, research and park management and as such, this indicator is more appropriate. |
| (1) Training system in place. (2) Percent of rangers trained. | 4.8.1-27 Number of people receiving USG supported training in natural resource management and/or biodiversity conservation. | This indicator is clearer than the original. |
| Number of hectares in NNP showing improved condition | 4.8.1-1 Number of hectares in areas of biological significance showing improved biophysical conditions as a result of USG assistance. | There was previously duplication of this indicator at both F and strategy level. It is now to be maintained only at F-level. |
| RBM training sessions and monitoring workshops | 4.8.1-27 Number of people receiving USG supported training in natural resource management and/or biodiversity conservation. | Tracking the effective number of people trained and not limiting this analysis to training session or workshops helps to capture more the impact of the capacity building efforts of the project. |

| Old Indicator | New indicator | Rationale for Changing |
|---|---|--|
| Percentage of park staff using conflict resolution and threat mitigation skills | 4.8.1-27 Number of people receiving USG supported training in natural resource management and/or biodiversity conservation. | Park rangers are often involved in managing conflict, for example dealing with issues such as human-wildlife conflict or disagreements related to access to various natural resources. With improved understanding of how to manage such situations, conflicts should be more easily resolved, at an earlier stage and in a way that maintains a relationship of respect between all parties. |
| Number of illegal activities detected per ranger-week monitoring effort | Number illegal activities detected per ranger-month monitoring effort | Patrol feedback is received from various ranger posts on a monthly and not weekly basis. |
| New indicator | Number of coordinated Nyungwe-Kibira RBM patrols | An indicator measuring the extent of coordination between Protected Area authorities in an effort to resolve common border conflicts and reduce threats to natural resources. Transboundary patrols are needed for more effective protection and management of the vulnerable area of NNP bordering with Kibira NP in Burundi. The number of coordinated patrols conducted will indicate successful coordination and capacity to conduct monitoring as a result of this project. |
| Number of RDB staff trained to prevent deleterious impacts of tourism developments with USG support | 4.8.1-27 Number of people receiving USG supported training in natural resource management and/or biodiversity conservation | This indicator more comprehensively captures the training inputs planned related to mitigating the possible impact of the growing tourism market on Nyungwe National Park. |
| Percentage of 200 surveyed households with access to non-NNP fuel sources | Percentage of pilot households with access to energy saving stoves | This is a clearer indicator than originally proposed. |
| Percentage of 200 students that value NNP | Percentage of 200 surveyed students who demonstrate an improvement in their attitude toward NNP | This revision is proposed based on the fact that attitude changes are more easily tracked than indicators of value. |
| New indicator | Number of target students participating in the program with USG assistance | This will give a clearer picture of the overall impact of the conservation education work. |
| New indicator | Number of target teachers/educators trained with USG assistance | This will tell us how many educators have been trained- an important issue related to the sustainability of this work. |
| Percentage of 200 out-of-school youth and other vulnerable groups that value NNP | Percentage of 200 surveyed community members who have supportive attitude towards NNP | An indicator measuring the reach or spread of USG human capacity building assistance through increasing awareness among user groups. It would have been impossible to accurately measure the previous indicator. |
| New Indicator | Number of target community educators and communicators trained with USG assistance | An indicator measuring the reach or spread of USG human capacity building assistance through providing educators with the |

| Old Indicator | New indicator | Rationale for Changing |
|---------------|---------------|--|
| | | necessary skills to educate vulnerable groups on issues relevant to biodiversity conservation. |

Table 3: Proposed revised cumulative life of project targets

| PERFORMANCE INDICATOR | | BASELINE DATA | | CUMULATIVE TOTALS BY CALENDAR YEAR (CY) | | | | | | | | | |
|--|-----------------|---------------|----------------|---|---------------|--------------------|---------------|-----------------|---------------|-----------------|---------------|-----------------|---------------|
| | | (CY) | | Year 1: 2010-11 | | Year 2: 2011-12 | | Year 3: 2012-13 | | Year 4: 2013-14 | | Year 5: 2014-15 | |
| Indicator | Unit of Measure | Baseline Year | Baseline Value | Target Year 1 | Actual Year 1 | Target Year 2 | Actual Year 2 | Target Year 3 | Actual Year 3 | Target Year 4 | Actual Year 4 | Target Year 5 | Actual Year 5 |
| Project Objective: To improve the capacity of RDB to sustainably manage the park's resources and address specific threats (fire, poaching, timber harvesting) to the park and specific species of concern | | | | | | | | | | | | | |
| STRATEGIC OBJECTIVE 7: EXPANDED ECONOMIC OPPORTUNITIES IN RURAL AREAS | | | | | | | | | | | | | |
| F Biodiversity Standard Indicators | | | | | | | | | | | | | |
| <i>Indicator: Number of hectares in areas of biological significance showing improved biophysical conditions as a result of USG assistance.</i> | # | 2009 | 0 | 3 | | 107.3 ¹ | | 211.6 | | 315.9 | | 420.2 | |
| <i>Indicator : Number of people receiving USG supported training in natural resources management and/or biodiversity conservation.²</i> | # | 2009 | 0 | 30 | 138 | 118 | | 323 | | 537 | | 537 | |
| <i>Indicator: Number of policies, laws, agreements or regulations promoting sustainable natural resource management and conservation that are implemented as a result of USG assistance</i> | # | 2009 | 0 | 0 | 0 | 0 | 0 | 1 ³ | | 2 ⁴ | | 3 ⁵ | |
| <i>Indicator: Number of days of USG funded technical assistance in climate change provided to</i> | # | 2009 | 0 | 2 | 2 | 0 | 0 | 4 | | 4 | | 4 | |

¹ 1,013 ha was estimated to have been affected by habitat influencing illegal activities in the baseline year of 2009. The target is to reduce the area affected by 10% per year. In addition to this, 3ha of ferns will be manually cut each year and this habitat improvement is also captured by adding this to the above.

² See Appendix B for details of how these numbers were calculated

³ Agreement to market carbon from assisted regeneration secured

⁴ Agreement signed with cooperatives for access to bamboo seedlings in Ruhero and Busanze sectors

⁵ PES policy approved by GoR

| PERFORMANCE INDICATOR | | BASELINE DATA | | CUMULATIVE TOTALS BY CALENDAR YEAR (CY) | | | | | | | | | |
|---|-----------------|---------------|-------------------|---|---------------|-----------------|---------------|-----------------|---------------|-----------------|---------------|------------------|---------------|
| | | (CY) | | Year 1: 2010-11 | | Year 2: 2011-12 | | Year 3: 2012-13 | | Year 4: 2013-14 | | Year 5: 2014-15 | |
| Indicator | Unit of Measure | Baseline Year | Baseline Value | Target Year 1 | Actual Year 1 | Target Year 2 | Actual Year 2 | Target Year 3 | Actual Year 3 | Target Year 4 | Actual Year 4 | Target Year 5 | Actual Year 5 |
| counterparts or stakeholders | | | | | | | | | | | | | |
| Strategy 1: Strengthening RDB's Biodiversity and Threats Monitoring Capacity | | | | | | | | | | | | | |
| Output 2. Capacity in law enforcement and threat monitoring and assessment is strengthened | | | | | | | | | | | | | |
| Indicator: Percentage of RDB patrols guided by analysis of MIST data | % | 2009 | 0 | 20% | | 25% | | 30% | | 35% | | 40% | |
| Output 3. Capacity to manage fire and monitor mining and resource use impacts are in place | | | | | | | | | | | | | |
| Indicator : Number illegal activities detected per ranger-month monitoring effort | # | 2009 | 0.34 ⁶ | 0.31 | | 0.28 | | 0.25 | | 0.22 | | 0.20 | |
| Indicator: Number of coordinated Nyungwe-Kibira RBM patrols | # | 2009 | 0 | | 0 | 1 | 1 | 4 | | 7 | | | |
| Strategy 5: Develop Sustainable Alternatives for Resource Use | | | | | | | | | | | | | |
| Output 1: Improved energy efficiency in villages around Nyungwe from introduction of fuel efficient stoves and alternative fuel sources | | | | | | | | | | | | | |
| Indicator: Percentage of 200 pilot households with access and use of energy efficient stoves | % | 2011 | 0 | 0 | | 0 | | 50% | | 75% | | 100% | |
| Strategy 6: Implement Education and Outreach Programs | | | | | | | | | | | | | |
| Output 1: Students in formal education will adopt a positive/supportive attitude to park conservation efforts based on a clear understanding of the multiple values of NNP, reduce the adoption of unsustainable behaviors as they grow into adults, and act as advocates for the value of the Park and its conservation | | | | | | | | | | | | | |
| Indicator: Percentage of surveyed students who demonstrate an improvement in their attitude toward NNP ⁷ | % | 2011 | 82% | | | | | | | | | 95% ⁸ | |
| Indicator: Number of target students participating in the program with USG | # | 2011 | 0 | 0 | 0 | | | 2,000 | | 4,000 | | 4,000 | |

⁶ This represents 0.34 illegal activities per km walked

⁷ The baseline of 82% refers to the number of students who said that Nyungwe National Park i) Should be protected, ii) Is better as a park than as farmland, iii) Is important for the production of water and iv) Is an area that is important to tourists.

⁸ This will only be re-assessed in year 5 when the initial baseline survey is repeated.

| PERFORMANCE INDICATOR | | BASELINE DATA | | CUMULATIVE TOTALS BY CALENDAR YEAR (CY) | | | | | | | | | |
|--|-----------------|---------------|----------------|---|---------------|-----------------|---------------|-----------------|---------------|-----------------|---------------|-------------------|---------------|
| | | (CY) | | Year 1: 2010-11 | | Year 2: 2011-12 | | Year 3: 2012-13 | | Year 4: 2013-14 | | Year 5: 2014-15 | |
| Indicator | Unit of Measure | Baseline Year | Baseline Value | Target Year 1 | Actual Year 1 | Target Year 2 | Actual Year 2 | Target Year 3 | Actual Year 3 | Target Year 4 | Actual Year 4 | Target Year 5 | Actual Year 5 |
| assistance | | | | | | | | | | | | | |
| <i>Indicator:</i> Number of target teachers/educators trained with USG assistance | # | 2011 | 0 | 0 | 0 | 0 | 0 | 20 | | 40 | | 40 | |
| <i>Output 2: Education Output 2: Vulnerable groups (community members responsible for threat behaviors in NNP) adopt a supportive attitude to the park and change their behavior based on understanding of the multiple values of NNP</i> | | | | | | | | | | | | | |
| <i>Indicator:</i> Percentage of surveyed community members who have supportive attitude towards NNP ⁹ | % | 2011 | 72% | | | | | | | | | 95% ¹⁰ | |
| <i>Indicator:</i> Number of individuals participating in the program with USG assistance | # | 2009 | 0 | 0 | 0 | 0 | | 1,000 | | 2,000 | | 3,000 | |
| <i>Indicator:</i> Number of target community educators and communicators trained with USG assistance | # | 2011 | 0 | 0 | 0 | 58 | 0 | 58 | | 58 | | 58 | |

⁹ The baseline of 72% refers to the number of respondents who said that Nyungwe National Park provides some form of benefits to surrounding communities.

¹⁰ This will only be re-assessed in year 5 when the initial baseline survey is repeated.

ANNEX A: PERFORMANCE INDICATOR REFERENCE SHEETS FOR PROJECT PERFORMANCE INDICATORS

| Performance Indicator Reference Sheet |
|--|
| Number of hectares in areas of biological significance showing improved biophysical conditions as a result of USG assistance |
| <p>Strategic Objective: Expanded economic opportunities in rural areas</p> <p>Intermediate Result 7.4: Improved management of selected ecosystems</p> <p>Program Objective: Economic Growth</p> <p>Program Area: Environment Program</p> <p>Program Element: 4.8.1- Natural Resources and Biodiversity</p> <p>Sub-Element: 4.8.1.2- Sustainable Natural Resources Management and Production</p> <p>Indicator: Number of hectares in areas of biological significance showing improved biophysical conditions as a result of USG assistance</p> |
| DESCRIPTION |
| <p>Precise Definition(s): Improved biophysical conditions are demonstrated where there is biophysical monitoring data showing stability, improvement, or slowing the rate of decline in one or more selected natural resources parameters over time.</p> <p>Unit of Measure: Number of hectares</p> <p>Disaggregated by:</p> <p>Justification/Management Utility: A standardized indicator measuring impact of interventions. A spatial indicator is an appropriate measure of the scale of impact of NRM interventions. The standard of monitoring biophysical improvement permits demonstration of ultimate positive environmental impact as a result of USG interventions.</p> |
| PLAN FOR DATA ACQUISITION BY USAID |
| <p>Data Collection Method: RBM results will provide the basis for calculating the area affected by habitat-influencing illegal activities (fire, encroachment, mining). Point data for the occurrence of these illegal activities will be analyzed using various GIS approaches, using buffers to take account of the likely geographical impact of different activities. The expectation is that there is a 10% reduction in the extent of illegal activities/year throughout the course of this grant from the 2009 baseline. In addition, an on the ground estimates of areas cleared of ferns for natural regeneration will also be considered as areas improved and will be added to the area calculated above.</p> <p>Data Source(s): WCS, RDB</p> <p>Frequency/Timing of Data Acquisition: Every 5 years (remote sensing). Quarterly (RBM)</p> <p>Estimated Cost of Data Acquisition: High (remote sensing), Medium (RBM)</p> <p>Responsible Individual(s) at USAID: AOR</p> |
| PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING |
| <p>Data Analysis: Comparison of fern extent over time and encounter rates and areas affected by illegal activities</p> <p>Presentation of Data: Data presented in quarterly and annual reports</p> <p>Review of Data: AOR review</p> <p>Reporting of Data: Quarterly and Annual report</p> |
| DATA QUALITY ISSUES |
| <p>Date of Initial Data Quality Assessment: January 2011</p> |

Known Data Limitations and Significance (if any): It will be too expensive to purchase satellite imagery regularly for monitoring the extent of ferns once assisted regeneration activities are started- this will therefore only be done in year 5 of the project as a comparison to the 2009 baseline.

Actions Taken or Planned to Address Data Limitations: Remote sensing analysis at the end of year 5

Date of Future Data Quality Assessments: To be confirmed with MEMS

Procedures for Future Data Quality Assessments: Annual review by COP and M&E Manager

BASELINE AND TARGETS: In 2009 1,013ha were affected by habitat influencing illegal activities. A 10% reduction in the area affected per year is the target set. In addition, areas improved through fern clearance will also be considered to have been improved and will be added to the area calculated as having been improved above.

Location of Data Storage: Gisakura

THIS SHEET LAST UPDATED ON: April 2012

| Performance Indicator Reference Sheet | |
|---|--|
| Number of people receiving USG supported training in natural resources management and/or biodiversity conservation | |
| <p>Strategic Objective: Expanded economic opportunities in rural areas</p> <p>Intermediate Result 7.4: Improved management of selected ecosystems</p> <p>Program Objective: Economic Growth</p> <p>Program Area: Environment Program</p> <p>Program Element: 4.8.1- Natural Resources and Biodiversity</p> <p>Sub-Element: 4.8.1.2- Sustainable Natural Resources Management and Production</p> <p>Indicator: Number of people receiving USG supported training in natural resources management and/or biodiversity conservation</p> | |
| DESCRIPTION | |
| <p>Precise Definition(s):</p> <p>The number of individuals participating in learning activities intended for teaching or imparting knowledge and information on natural resources management and biodiversity conservation to the participants with designated instructors or lead persons, learning objectives, and outcomes, conducted fulltime or intermittently. NRM and biodiversity conservation training can consist of transfer of knowledge, skills, or attitudes through structured learning and follow-up activities, or through less structured means, to solve problems or fill identified performance gaps. Training can consist of long-term academic degree programs, short- or long-term non-degree technical courses in academic or in other settings, non-academic seminars, workshops, on-the-job learning experiences, observational study tours, or distance learning exercises or interventions.</p> <p>This indicator will combine the following:</p> <ul style="list-style-type: none"> Number of RDB rangers trained in biological survey data collection and analysis; Number of RDB rangers trained in law enforcement and threat monitoring; Number of RDB staff trained in conflict resolution and threat mitigation; Number of District leaders (DEOs) and community liaison agents (ANICOs) trained in conflict resolution and threat mitigation skills; Number of RDB staff trained in PES and new revenue sharing Number of government staff, civil society & private sector employees trained in PES design. <p>Unit of Measure: Number of people attending various training sessions.</p> <p>Disaggregated by: Sex (male/female)</p> <p>Justification/Management Utility: Tracking the number of people trained in NRM/Biodiversity Conservation provides information about the reach and scale of training and capacity building</p> | |
| PLAN FOR DATA ACQUISITION BY USAID | |
| <p>Data Collection Method: Using attendance sheets to track individuals attending training seminars, workshops, including: administrators/officials, learners enrolled (students/community members), educators/instructors, Protected Area staff</p> <p>Data Source(s): WCS training reports</p> <p>Frequency/Timing of Data Acquisition: Quarterly</p> <p>Estimated Cost of Data Acquisition: Low</p> <p>Responsible Individual(s) at USAID: AOR</p> | |
| PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING | |

| |
|---|
| Data Analysis: Simple count |
| Presentation of Data: Data presented in quarterly and annual reports |
| Review of Data: AOR review |
| Reporting of Data: Quarterly and Annual report |
| DATA QUALITY ISSUES |
| Date of Initial Data Quality Assessment: January 2011 |
| Known Data Limitations and Significance (if any): N/A |
| Actions Taken or Planned to Address Data Limitations: N/A |
| Date of Future Data Quality Assessments: To be confirmed with MEMS |
| Procedures for Future Data Quality Assessments: Annual review by COP and M & E Manager |
| BASELINE AND TARGETS: The 2009 baseline was zero. Targets of 30 (year 1), 88 (year 2), 205 (year 3) and 214 (year 4) ¹¹ |
| Location of Data Storage: Gisakura |
| THIS SHEET LAST UPDATED ON: April 2012 |

¹¹ See below for details of how targets were calculated:

Number of RDB rangers trained in biological survey data collection and analysis

Baseline value and year: 2009, 0

| Targets | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 |
|---------|--------|--------|--------|--------|--------|
| | 15 | 31 | 62 | 78 | 78 |

Number of rangers trained in law enforcement and threat monitoring with USG support

Baseline value and year: 2009, 0

| Targets | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 |
|---------|--------|--------|--------|--------|--------|
| | 15 | 31 | 62 | 78 | 78 |

Number of RDB parks staff trained in conflict resolution and threat mitigation with USG support

Baseline value and year: 2009, 0

| Targets | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 |
|---------|--------|--------|--------|--------|--------|
| | 0 | 20 | 41 | 41 | 41 |

Number of District leaders (DEOs) and community liaison agents (ANICOs) trained in conflict resolution and threat mitigation skills with USG support

Baseline value and year: 2009, 0

| Targets | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 |
|---------|--------|--------|--------|--------|--------|
| | 0 | 0 | 31 | 58 | 58 |

Number of RDB staff trained to manage & mitigate tourism impacts, and low wildlife impact primate habituation and guiding with USG support

Baseline value and year: 2009, 0

| Targets | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 |
|---------|--------|--------|--------|--------|--------|
| | 0 | 3 | 10 | 10 | 10 |

Number of senior RDB staff trained in PES design with USG support

Baseline value and year: 2009, 0

| Targets | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 |
|---------|--------|--------|--------|--------|--------|
| | 0 | 3 | 6 | 6 | 6 |

| Performance Indicator Reference Sheet | |
|---|--|
| Number of policies, laws, agreements or regulations promoting sustainable natural resource management and conservation that are implemented as a result of USG assistance | |
| Strategic Objective: Expanded economic opportunities in rural areas Intermediate Result 7.4: Improved management of selected ecosystems Program Objective: Economic Growth Program Area: Environment Program Program Element: 4.8.1- Natural Resources and Biodiversity Sub-Element: 4.8.1.2- Sustainable Natural Resources Management and Production Indicator: Number of policies, laws, agreements or regulations promoting sustainable natural resource management and conservation that are implemented as a result of USG assistance | |
| DESCRIPTION | |
| Precise Definition(s): The number of policies, laws, regulations and agreements passed / signed related to both carbon-related and non-carbon (water) related PES projects. This indicator will combine the following: Number of relevant PES policies, regulations drafted and implemented Number of agreements to allow for payment for watershed services signed Number of carbon PES projects assessed and implemented Number of agreements signed with cooperatives for obtaining / managing bamboo seedlings Unit of Measure: Number of policies or agreements passed / signed Disaggregated by: Carbon and non-carbon projects Justification/Management Utility: Tracking the number of policies, laws, regulations and agreements passed / signed will provide an indication of the level of preparedness and adoption of the GoR for PES approaches | |
| PLAN FOR DATA ACQUISITION BY USAID | |
| Data Collection Method: These factors will be tracked through the meetings of the PES Technical Task Force each quarter Data Source(s): PES Task-Force minutes of meetings, and copies of actual agreements etc Frequency/Timing of Data Acquisition: Quarterly Estimated Cost of Data Acquisition: Low Responsible Individual(s) at USAID: AOR | |
| PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING | |
| Data Analysis: Simple count Presentation of Data: Data presented in quarterly and annual reports Review of Data: AOR review Reporting of Data: Quarterly and Annual report | |
| DATA QUALITY ISSUES | |
| Date of Initial Data Quality Assessment: Not yet completed Known Data Limitations and Significance (if any): N/A Actions Taken or Planned to Address Data Limitations: N/A Date of Future Data Quality Assessments: To be confirmed with MEMS Procedures for Future Data Quality Assessments: Annual review by COP and M & E Manager | |

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| BASELINE AND TARGETS: The 2009 baseline was zero. Targets of 1 (year 3), 2 (year 4), 3 (year 5) ¹² |
| Location of Data Storage: Gisakura |
| THIS SHEET LAST UPDATED ON: April 2012 |

¹² See below for details of how targets were calculated:

Number of relevant PES policies, regulations drafted and implemented

Baseline value and year: 2009, 0

| Targets | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 |
|----------------|---------------|---------------|---------------|---------------|---------------|
| | 0 | 0 | 0 | 1 | 1 |

Number of agreements to allow for payment for watershed services signed

Baseline value and year: 2009, 0

| Targets | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 |
|----------------|---------------|---------------|---------------|---------------|---------------|
| | 0 | 0 | 0 | 1 | 1 |

Number of carbon PES projects assessed and implemented

Baseline value and year: 2009, 0

| Targets | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 |
|----------------|---------------|---------------|---------------|---------------|---------------|
| | 0 | 0 | 0 | 1 | 1 |

| Performance Indicator Reference Sheet |
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| Number of days of USG funded technical assistance in climate change provided to counterparts or stakeholders |
| <p>Strategic Objective: Expanded economic opportunities in rural areas</p> <p>Intermediate Result 7.4: Improved management of selected ecosystems</p> <p>Program Objective: Economic Growth</p> <p>Program Area: Environment Program</p> <p>Program Element: 4.8.1- Natural Resources and Biodiversity</p> <p>Sub-Element: 4.8.1.2- Sustainable Natural Resources Management and Production</p> <p>Indicator: Number of days of USG funded technical assistance in climate change provided to counterparts or stakeholders</p> |
| DESCRIPTION |
| <p>Precise Definition(s): This indicator related to technical capacity building undertaken by WCS Climate Monitoring Specialist Dr Anton Seimon for key RDB staff in relation to climate monitoring for improved park management.</p> <p>Unit of Measure: Number of days of technical assistance provided in each reporting period. Rounded up or down into whole numbers.</p> <p>Disaggregated by: Gender of those participating</p> <p>Justification/Management Utility: This provides an indication of the extent of climate change technical advice and training provided for key partners</p> |
| PLAN FOR DATA ACQUISITION BY USAID |
| <p>Data Collection Method: The number of days will be estimated from a) technical advice provided and b) number of training days provided</p> <p>Data Source(s): Training reports and minutes of technical meetings held</p> <p>Frequency/Timing of Data Acquisition: Quarterly</p> <p>Estimated Cost of Data Acquisition: Low</p> <p>Responsible Individual(s) at USAID: AOR</p> |
| PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING |
| <p>Data Analysis: Simple count</p> <p>Presentation of Data: Data presented in quarterly and annual reports</p> <p>Review of Data: AOR review</p> <p>Reporting of Data: Quarterly and Annual report</p> |
| DATA QUALITY ISSUES |
| <p>Date of Initial Data Quality Assessment: Not yet completed</p> <p>Known Data Limitations and Significance (if any): N/A</p> <p>Actions Taken or Planned to Address Data Limitations: N/A</p> <p>Date of Future Data Quality Assessments: To be confirmed with MEMS</p> <p>Procedures for Future Data Quality Assessments: Annual review by COP and M & E Manager</p> |
| <p>BASELINE AND TARGETS: The 2009 baseline was zero. Targets of 2 (year 1) and 4 (year 3)</p> |
| <p>Location of Data Storage: Gisakura</p> |

THIS SHEET LAST UPDATED ON: April 2012

| Performance Indicator Reference Sheet Percentage of RDB patrols guided by analysis of MIST data |
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| Strategic Objective: Expanded economic opportunities in rural areas Intermediate Result 7.4: Improved management of selected ecosystems Program Objective: Economic Growth Program Area: Environment Program Program Element: 4.8.1- Natural Resources and Biodiversity Sub-Element: 4.8.1.2- Sustainable Natural Resources Management and Production Indicator 7.1.2.4: Percent of RDB patrols guided by analysis of MIST data |
| DESCRIPTION |
| Precise Definition(s): The number of RDB patrols deployed based on results of a MIST output divided by the total number of RDB patrols Unit of Measure: Percentage Disaggregated by: N/A Justification/Management Utility: MIST (Management Information System) is one of the most common and effective tools for identifying threats in real time in protected areas as well as monitoring patrol effort. The outputs of MIST allow PA managers to adaptively manage their protection efforts and proactively target areas of particular risk and areas that have been neglected, thereby increasing patrol coverage and efficacy. The more patrols that are guided by MIST outputs rather than random assignment indicates greater capacity on the part of RDB to effectively use and implement MIST for threats monitoring |
| PLAN FOR DATA ACQUISITION BY USAID |
| Data Collection Method: RDB monthly reports of patrol location and MIST outputs Data Source(s): Project reports Frequency/Timing of Data Acquisition: Monthly Estimated Cost of Data Acquisition: Low Responsible Individual(s) at USAID: AOR |
| PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING |
| Data Analysis: Internal and external reviews, briefings, and reports Presentation of Data: Annual report Review of Data: MEMS Review reports Reporting of Data: Annual report |
| DATA QUALITY ISSUES |
| Date of Initial Data Quality Assessment: January 2011 Known Data Limitations and Significance (if any): None Actions Taken or Planned to Address Data Limitations: N/A Date of Future Data Quality Assessments: To be confirmed by MEMS Procedures for Future Data Quality Assessments: Annual review by COP and M & E Manager |
| BASELINE AND TARGETS: 2009 baseline was 0.34 illegal activities/km walked. Target of 0.20 illegal activities/km walked by end year 5 (10% reduction from baseline in each year of project implementation) |
| Location of Data Storage: Gisakura |
| THIS SHEET LAST UPDATED ON: April 2012 |

| Performance Indicator Reference Sheet |
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| Number of illegal activities detected per ranger-month effort |
| Strategic Objective: Expanded economic opportunities in rural areas Intermediate Result 7.4: Improved management of selected ecosystems Program Objective: Economic Growth Program Area: Environment Program Program Element: 4.8.1- Natural Resources and Biodiversity Sub-Element: 4.8.1.2- Sustainable Natural Resources Management and Production Indicator 7.1.2.4: Number of illegal activities detected per ranger-month effort |
| DESCRIPTION |
| Precise Definition(s): Encounter rate of signs of illegal activities (i.e. poaching, mining, fire etc.) per ranger month Unit of Measure: Number Disaggregated by: N/A Justification/Management Utility: An indicator of effectiveness of the capacity to monitor and prevent the impact of illegal activities |
| PLAN FOR DATA ACQUISITION BY USAID |
| Data Collection Method: Monthly RBM reports Data Source(s): Project reports / RDB records Frequency/Timing of Data Acquisition: Monthly Estimated Cost of Data Acquisition: Low Responsible Individual(s) at USAID: AOR |
| PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING |
| Data Analysis: Research & Monitoring Warden, RDB Presentation of Data: Annual report Review of Data: MEMS Review reports Reporting of Data: Annual report |
| DATA QUALITY ISSUES |
| Date of Initial Data Quality Assessment: January 2011 Known Data Limitations and Significance (if any): None Actions Taken or Planned to Address Data Limitations: N/A Date of Future Data Quality Assessments: To be confirmed by MEMS Procedures for Future Data Quality Assessments: Annual review by COP and M & E Manager |
| BASELINE AND TARGETS: 2009 baseline was zero. Target of 40% by the end of project (20% year 1, 25% year 2, 30% year 3, 35% year 4) |
| Location of Data Storage: Gisakura |
| THIS SHEET LAST UPDATED ON: April 2012 |

| Performance Indicator Reference Sheet | |
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| Number of coordinated Nyungwe-Kibira patrols per year | |
| Strategic Objective: Expanded economic opportunities in rural areas Intermediate Result 7.4: Improved management of selected ecosystems Program Objective: Economic Growth Program Area: Environment Program Program Element: 4.8.1- Natural Resources and Biodiversity Sub-Element: 4.8.1.2- Sustainable Natural Resources Management and Production Indicator: Number of coordinated Nyungwe-Kibira RBM patrols per year | |
| DESCRIPTION | |
| Precise Definition(s): Number of patrols conducted consisting of rangers from Kibira NP, Burundi, and RDB rangers Unit of Measure: Number Disaggregated by: N/A Justification/Management Utility: An indicator measuring the extent of coordination between PA authorities in an effort to resolve common border conflicts and reduce threats to natural resources. Transboundary patrols are needed for more effective protection and management of the vulnerable area of NNP bordering with Kibira NP in Burundi. The number of coordinated patrols conducted will indicate successful coordination and capacity to conduct monitoring as a result of this project | |
| PLAN FOR DATA ACQUISITION BY USAID | |
| Data Collection Method: Data will be collected from RDB records Data Source(s): Project reports/RDB records Frequency/Timing of Data Acquisition: Quarterly Estimated Cost of Data Acquisition: Low Responsible Individual(s) at USAID: AOR | |
| PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING | |
| Data Analysis: Internal and external reviews, briefings, and reports Presentation of Data: Annual report Review of Data: AOR reviews Reporting of Data: Annual report | |
| DATA QUALITY ISSUES | |
| Date of Initial Data Quality Assessment: January 2011 Known Data Limitations and Significance (if any): None Actions Taken or Planned to Address Data Limitations: N/A Date of Future Data Quality Assessments: To be confirmed with MEMS Procedures for Future Data Quality Assessments: Annual review by COP and M & E Manager | |
| BASELINE AND TARGETS: 2009 baseline was zero. Target of 1 per quarter from year 3 onwards | |
| Location of Data Storage: Gisakura | |
| THIS SHEET LAST UPDATED ON: April 2012 | |

| Performance Indicator Reference Sheet | |
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| Percentage of 200 surveyed students who demonstrate improvement in attitude toward NNP | |
| Strategic Objective: Expanded economic opportunities in rural areas Intermediate Result: Improved management of selected ecosystems Program Objective: Economic Growth Program Area: Environment Program Program Element 4.8.1- Natural Resources and Biodiversity Sub-Element 4.8.1.2- Sustainable Natural Resources Management and Production Indicator: Percentage of surveyed students who demonstrate an improvement in their attitude toward NNP | |
| DESCRIPTION | |
| Precise Definition(s): Percentage of 200 students surveyed who exhibit a positive change in ascribing value to NNP as measured by their response based on the assessment of value based on the park as 1) a home for animals, 2) a tourist destination, 3) an important source of water, 4) an important source of clean air, 5) the role it plays in absorbing carbon and reducing global warming, 6) providing aesthetic/scenic/peaceful value, 7) providing soil services, and 8) providing educational value. Unit of Measure: Percentage Of 200 surveyed students Disaggregated by: N/A Justification/Management Utility: An indicator measuring the effectiveness of education and outreach efforts by assessing the change in attitude towards the park. The difference between baseline and post project responses by students describing how they attribute value to the park will establish whether the project has had a positive influence in changing attitudes. An improvement in the value that children ascribe to the park is expected to ultimately lead to better practices. | |
| PLAN FOR DATA ACQUISITION BY USAID | |
| Data Collection Method: Survey Data Source(s): Repeat of baseline survey Frequency/Timing of Data Acquisition: Repeat of baseline survey that was conducted in year 1 in year 5 Estimated Cost of Data Acquisition: Medium Responsible Individual(s) at USAID: AOR | |
| PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING | |
| Data Analysis: Internal and external reviews, briefings, and reports Presentation of Data: Annual report Review of Data: AOR review Reporting of Data: Annual report | |
| DATA QUALITY ISSUES | |
| Date of Initial Data Quality Assessment: January 2011 Known Data Limitations and Significance (if any): None Actions Taken or Planned to Address Data Limitations: N/A Date of Future Data Quality Assessments: To be confirmed with MEMS Procedures for Future Data Quality Assessments: Annual review by COP and M & E Manager | |
| BASELINE AND TARGETS: 2011 baseline of 82%. Target of 95% at the end of project | |
| Location of Data Storage: Gisakura | |

THIS SHEET LAST UPDATED ON: April 2012

| Performance Indicator Reference Sheet Number of target students participating in the program with USG assistance |
|--|
| Strategic Objective: Expanded economic opportunities in rural areas Intermediate Result: Improved management of selected ecosystems Program Objective: Economic Growth Program Area: Environment Program Program Element 4.8.1- Natural Resources and Biodiversity Sub-Element 4.8.1.2- Sustainable Natural Resources Management and Production Indicator: Number of target students participating in the program with USG assistance |
| DESCRIPTION |
| Precise Definition(s): The total student population is 9,500 students, represented by the 10 pilot schools, which is 10% of total student population around NNP. Records of the number, sex and age of children participating in the program will be made Unit of Measure: Number Disaggregated by: Gender and age-class Justification/Management Utility: An indicator measuring the reach or spread of USG human capacity building assistance through increasing awareness among school children. |
| PLAN FOR DATA ACQUISITION BY USAID |
| Data Collection Method: Records of attendance/registration Data Source(s): Project reports Frequency/Timing of Data Acquisition: Quarterly Estimated Cost of Data Acquisition: Low Responsible Individual(s) at USAID: AOR |
| PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING |
| Data Analysis: Internal and external reviews, briefings, and reports Presentation of Data: Quarterly / Annual report Review of Data: AOR Review Reporting of Data: Quarterly / Annual report |
| DATA QUALITY ISSUES |
| Date of Initial Data Quality Assessment: January 2011 Known Data Limitations and Significance (if any): None Actions Taken or Planned to Address Data Limitations: N/A Date of Future Data Quality Assessments: To be confirmed with MEMS Procedures for Future Data Quality Assessments: Annual review by COP and M & E Manager |
| BASELINE AND TARGETS: 2011 baseline of zero. Target of 4,000 students by year 4 of project (2,000 in year 3 and 2,000 in year 4) |
| Location of Data Storage: Gisakura |
| THIS SHEET LAST UPDATED ON: April 2012 |

| Performance Indicator Reference Sheet Number of target teachers/educators trained with USG support |
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| Strategic Objective: Expanded economic opportunities in rural areas Intermediate Result: Improved management of selected ecosystems Program Objective: Economic Growth Program Area: Environment Program Program Element 4.8.1- Natural Resources and Biodiversity Sub-Element 4.8.1.2- Sustainable Natural Resources Management and Production Indicator: Number of target teachers/educators trained with USG support |
| DESCRIPTION |
| Precise Definition(s): The number of school teachers and other educators trained to implement conservation education activities using materials developed by the program. At least 10 school teachers and 10 other educators will be trained in material / information dissemination. Unit of Measure: Number Disaggregated by: Gender Justification/Management Utility: An indicator measuring the reach or spread of USG human capacity building assistance through providing teachers with the necessary skills to educate students on issues relevant to biodiversity conservation. |
| PLAN FOR DATA ACQUISITION BY USAID |
| Data Collection Method: Count of teachers participating/registered in program Data Source(s): Project reports Frequency/Timing of Data Acquisition: Quarterly and Yearly Estimated Cost of Data Acquisition: Low Responsible Individual(s) at USAID: AOR |
| PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING |
| Data Analysis: Simple count Presentation of Data: Quarterly / Annual report Review of Data: AOR review Reporting of Data: Quarterly/ Annual report |
| DATA QUALITY ISSUES |
| Date of Initial Data Quality Assessment: January 2011 Known Data Limitations and Significance (if any): None Actions Taken or Planned to Address Data Limitations: N/A Date of Future Data Quality Assessments: To be confirmed with MEMS Procedures for Future Data Quality Assessments: Annual review by COP and M & E Manager |
| BASELINE AND TARGETS: 2009 baseline was zero. Target of 20 educators trained in years 3 and 4 |
| Location of Data Storage: Gisakura |
| THIS SHEET LAST UPDATED ON: April 2012 |

| Performance Indicator Reference Sheet |
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| Percentage of surveyed community members who have a supportive attitude toward NNP |
| Strategic Objective: Expanded economic opportunities in rural areas Intermediate Result: Improved management of selected ecosystems Program Objective: Economic Growth Program Area: Environment Program Program Element 4.8.1- Natural Resources and Biodiversity Sub-Element 4.8.1.2- Sustainable Natural Resources Management and Production Indicator: % of surveyed community members who have supportive attitude towards NNP |
| DESCRIPTION |
| Precise Definition(s): Percentage of 200 community members surveyed who exhibit a positive change in ascribing value to NNP as measured by their response based on the assessment of value based on the park as 1) a home for animals, 2) a tourist destination, 3) an important source of water, 4) an important source of clean air, 5) the role it plays in absorbing carbon and reducing global warming, 6) providing aesthetic /scenic /peaceful value, 7) providing soil services, and 8) providing educational value. Unit of Measure: Percentage Disaggregated by: N/A Justification/Management Utility: An indicator measuring the effectiveness of education and outreach efforts by assessing the change in attitude towards the park. The difference between baseline and post project responses by students describing how they attribute value to the park will establish whether the project has had a positive influence in changing attitudes. An improvement in the value that these groups ascribe to the park is expected to ultimately lead to better practices. |
| PLAN FOR DATA ACQUISITION BY USAID |
| Data Collection Method: Surveys Data Source(s): Project reports Frequency/Timing of Data Acquisition: Baseline established in 2011, to be repeated in final year of the project Estimated Cost of Data Acquisition: Medium Responsible Individual(s) at USAID: AOR |
| PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING |
| Data Analysis: Internal and external reviews, briefings, and reports Presentation of Data: Annual report Review of Data: AOR review Reporting of Data: Annual report |
| DATA QUALITY ISSUES |
| Date of Initial Data Quality Assessment: January 2011 Known Data Limitations and Significance (if any): None Actions Taken or Planned to Address Data Limitations: N/A Date of Future Data Quality Assessments: To be confirmed with MEMS Procedures for Future Data Quality Assess: Annual review by COP and M & E Manager |
| BASELINE AND TARGETS: 2011 baseline was 72%. Target of 95% by the end of project |
| Location of Data Storage: Gisakura |
| THIS SHEET LAST UPDATED ON: April 2012 |

| Performance Indicator Reference Sheet |
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| Number of individuals from all target user groups participating in the program with USG assistance |
| Strategic Objective: Expanded economic opportunities in rural areas Intermediate Result: Improved management of selected ecosystems Program Objective: Economic Growth Program Area: Environment Program Program Element 4.8.1- Natural Resources and Biodiversity Sub-Element 4.8.1.2- Sustainable Natural Resources Management and Production Indicator: Number of individuals from all target user groups participating in the program with USG assistance |
| DESCRIPTION |
| Precise Definition(s): Target user groups are groups that have a clear negative influence on the conservation of Nyungwe National Park (for example, bamboo harvesters, poachers, illegal honey harvesters etc). Unit of Measure: Number Disaggregated by: N/A Justification/Management Utility: An indicator measuring the reach or spread of USG human capacity building assistance through increasing awareness among user groups |
| PLAN FOR DATA ACQUISITION BY USAID |
| Data Collection Method: Simple count Data Source(s): Project reports/RDB records Frequency/Timing of Data Acquisition: Quarterly / Yearly Estimated Cost of Data Acquisition: Low Responsible Individual(s) at USAID: AOR |
| PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING |
| Data Analysis: Internal and external reviews, briefings, and reports Presentation of Data: Quarterly / Annual report Review of Data: AOR review Reporting of Data: Quarterly / Annual report |
| DATA QUALITY ISSUES |
| Date of Initial Data Quality Assessment: January 2011 Known Data Limitations and Significance (if any): None Actions Taken or Planned to Address Data Limitations: N/A Date of Future Data Quality Assessments: To be confirmed with MEMS Procedures for Future Data Quality Assessments: Annual review by COP and M & E Manager |
| BASELINE AND TARGETS: 2011 baseline was zero. Target of 1,000 per year in years 3, 4 and 5 |
| Location of Data Storage: Gisakura |
| THIS SHEET LAST UPDATED ON: April 2012 |

| Performance Indicator Reference Sheet | |
|---|--|
| Number of target community educators and communicators trained with USG support | |
| Strategic Objective: SO7 Indicator, Expanded economic opportunities in rural areas Intermediate Result: Improved management of selected ecosystems Program Objective: Economic Growth Program Area: Environment Program Program Element 4.8.1- Natural Resources and Biodiversity Sub-Element 4.8.1.2- Sustainable Natural Resources Management and Production Indicator: Number of target community educators and communicators trained with USG support | |
| DESCRIPTION | |
| Precise Definition(s): Educators are composed of both ANICO's (Animateur de Conservation) and District Environmental Officers (DEO's). Both ANICO and DEO's will be trained in using and disseminating conservation education materials with target audiences. Unit of Measure: Number Disaggregated by: Gender Justification/Management Utility: An indicator measuring the reach or spread of USG human capacity building assistance through providing educators with the necessary skills to educate vulnerable groups on issues relevant to biodiversity conservation. | |
| PLAN FOR DATA ACQUISITION BY USAID | |
| Data Collection Method: Count of educators participating/registered in program Data Source(s): Project reports Frequency/Timing of Data Acquisition: Quarterly Estimated Cost of Data Acquisition: Low Responsible Individual(s) at USAID: AOR | |
| PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING | |
| Data Analysis: Internal and external reviews, briefings, and reports Presentation of Data: Quarterly/ Annual report Review of Data: AOR review Reporting of Data: Quarterly/ Annual report | |
| DATA QUALITY ISSUES | |
| Date of Initial Data Quality Assessment: January 2011 Known Data Limitations and Significance (if any): None Actions Taken or Planned to Address Data Limitations: N/A Date of Future Data Quality Assessments: To be confirmed with MEMS Procedures for Future Data Quality Assessments: Annual review by COP and M & E Manager | |
| BASELINE AND TARGETS: 2011 baseline was zero. Target of 58 individuals trained each year in years 3, 4 and 5 | |
| Location of Data Storage: Gisakura | |
| THIS SHEET LAST UPDATED ON: April 2012 | |